

THE FOUR FORCES

Unified Field

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Abstract

In fact, there is not a gravitational field. But there is an energy field. This interaction of energy to mass/particle, **mass/particle** will cause of shows some resistance to energy and accelerates. This acceleration is direction of the energy and this acceleration is proportional with the energy. There are no weights of the mass in space. Masses accelerate easily, even in very small effects. All this depends to direction of flow and shape of energy from mass. On the other hand, we know that an object shrinks when they lost their energy. In the same way that, radiant mass accelerates into the interior of their own. The mass effects distance to the other mass. Masses/Particles accelerate when they receive the energy. Frictionless space, all objects, this effect cause of movements direction of across to the mass. This acceleration is proportional with the energy. The connection between mass/particle and energy:

$$E=ma$$

Introduction

The forces acting on the formation of the universe today is composed of modern physics, has accepted the four basic forces. These forces had been the main reason in the formation of all the systems in the Universe. Formations such as the have level of quantum particles is the largest, mass formation, to stand together, relationships with each other, always with the presence of these forces has been possible. To date, the four forces of various theorems about the mechanics of what are being introduced and how it works, but what precisely determined.

These forces are:

1. Strong Nuclear Force
2. Weak Nuclear Force
3. Electromagnetic force
4. Gravity (Gravitational Force)

Masses of force application remotely to each other, especially as Newton had many physicists disturbed. But; Newton's ideas results in many practical applications, valid until 20th Century.

German-born physicist Albert Einstein, General Relativity theory of matter by presence of four-dimensional space-time bends, but the four-dimensional space-time suggested that this change is observes as if a force implements. Which is a part of the standard model of particle physics, quantum color dynamics, the SU (3) the so-called local (setting) built on the symmetry group of a non setting theory Abelian. Strong interaction coupling constant is determiner via the strong force. Load and the distance between interacting particles, the color coupling constant / interaction energy depends on the size. Quarks and gluons carry color charge and the only fundamental particles that can enter are calling the strong interaction.

Methods

Now try to figure out what are these forces. The mass effects distance to the other mass. How is this possible? As we know masses expands in heat when they receive the energy. For example, electrical wires, bridges, get longer in hot weather. Now imagine that this effect applies to a mass in space. Face of the rail to the sun in space. This rail will begin to get longer in the opposite direction of energy (acceleration) because of the energy is coming from the sun. Frictionless space, all objects, this effect cause of movements direction of across to the mass.

1.1 Expansion in Solids

When an object heats, the molecules or atoms begins moving more. For this reason, begins to grow and expand.

1.1.a Longitudinal Elongation

Heated in a metal bar before the first length, be L_0 . When heating the metal bar of length L is length of this elongated. The amount of elongation in length (ΔL)

This effect caused the buoyancy of liquids too. $m=dv$

There are no weights of the mass in space. Masses accelerate easily, even in very small effects. All this depends on the direction of flow and shape of energy from mass. Wherever, it is possible to make this experiment with any mass. On the other hand, we know that an object shrinks when they lost their energy. In the same way that radiant mass accelerates into the interior of their own. The reason for this, the Molecules/ atoms shows resistance to energy accelerates towards to direction of energy. The shape of a raindrop, it is evidence.

Results

In fact, there is not a gravitational field. But there is an energy field. ***Electromagnetic waves carry energy as they travel through in empty space.*** This interaction of energy to "mass/particle", mass/particle will cause it shows some resistance to energy and accelerates. This acceleration is direction of the energy. ***'All the mass and the particles'*** work with this mechanism.

This acceleration is proportional with the energy.

Transport of energy by electromagnetic waves

Electromagnetic waves carry energy as they travel through space. There is an energy density associated with both the electric and magnetic fields. The rate of energy transport per unit area describes by the vector.

$$\frac{\partial u}{\partial t} + \nabla \cdot \mathbf{S} = -\mathbf{J} \cdot \mathbf{E},$$

[1]

Two types of energy waves emitted from objects movement.

1 - Starts from the mass/particle as a circular ring-shaped wave and flows in space

Figure1



2 - starts from the mass/particle as a spiral wave and flows in space.

Figure2



Energy spreads of the magnetic masses are as spiral wave. This is because arrangements of atoms in the mass.

WHY THE SAME POLES PUSHES EACH OTHER:

Energy spreads of the magnetic masses are as spiral wave. Spiral waves disrupt of the energy balance of the other mass. Therefore, energy flows from stable parts to unstable parts. So, the mass accelerates opposite direction. This is because the arrangement of atoms in the mass.

The connection between mass and energy:

E=ma

As can see all over the force is actually a single force and energy-mass/particle relationship observes observes due to these forces. Effect of these forces that we perceive is not actually gravity, it is acceleration. According to Einstein's Equivalence law feel the gravity, this effect caused by acceleration. In vacuum between the stars and planets, we cannot know that we had travel in a spaceship; we feel "the gravity" effect, all the ship cannot be identified caused by the accelerated

movement. Buoyancy of liquids, air movements and turbulence observes everything works with this mechanism.

E=ma

Total interaction between two masses

m=dv (density and volume)

$$F_T = (m_1 + m_2) \cdot a / r^2$$

The same mechanism operates in the black hole. Because of the intensive energy emissions mass accelerates into itself. Acceleration increases, also more energy radiates. For this reason masses accelerates more towards to the black hole.

The working mechanism of the black hole: **E = ma**

Discussion

The basic mechanics of the forces to put out the scientific studies would in more rapid progress result. Everything exists due to these forces at the universe. It will be able to build antigravity vehicles via the correct identification of these forces In the future. Maybe one day we can travel to the black holes. The reason is that; the same mechanism works in the black holes.

References

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